

In the specification:

Insert the paper copy of the Sequence Listing filed herewith following the Drawings.

Replace the paragraph beginning at page 35, line 25 with the following rewritten paragraph:

Profiling of PSMA mRNA expression in human tissues was carried out by the real time, reverse transcription, polymerase chain reaction technique using the TaqMan™ system (Applied Biosystems, Inc., Foster City, CA). PSMA TaqMAN™ Probe design was based on Accession #M99487 from the NCBI website. This accession number is entitled "Human prostate-specific membrane antigen (PSM) mRNA, complete cds" and is dated 01/08/1995. The sequences were chosen to common domain found in all variants reported for PSMA (PSM - long & PSM' - short. The nucleotide numbers used correspond with the above accession number:

(P1) Probe: 5'-tggctcagcaccaccagatgcgc-3' (spans nucleotides 1191-1215) (SEQ ID NO:1).

(F1) Forward primer: 5'-CTATGATGCACAGAAGCTCCTAGAA-3' (SEQ ID NO:2)

(R1) Reverse primer: 5'-TGTAGGGCACTTGAGACTTCCT-3' (SEQ ID NO:3).

The quality check of the designed TaqMan™ reagents was performed using a synthetic amplicon and the demonstration of a linear range of 7 logs and a slope of 3.3, which passed the standard curve analysis.